Weekly Metrics for October 20 -26, 2002

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements *	Actual (GB)	Footnote
Aqua (5/02)	AIRS	L0 Ingest	GSFC	98	1X Baseline	102	A
		L1 Prod	GSFC	400	1X Baseline	284	A, V
		Archive	GSFC	498	1X Baseline	326	A, V
	AMSR-E	L0 Ingest	NSIDC	10	1X Baseline	7	B
		L1 Ingest	NSIDC	10	1X Baseline	<0.1	B, C
		L2-L3 Prod	GHRC	12	0.5X Baseline	0.2	C
		Archive	NSIDC	32	Baseline	7	C
	CERES	Archive	LaRC	58	Baseline	Included	
		Distribution	LaRC			In	See
		Testing/QA		1,421	IT Requirements	Terra	Footnote S
		End Users		107	1X Baseline	CERES	
	MODIS	L0 Ingest	GSFC	469	1X Baseline	563	
		L1 Prod	GSFC	2,498	1X Baseline	1,611	W
		L2-L4 Prod	MODAPS	801	0.5X Baseline	2,150	U
		Archive	EDC	540	Baseline	1,236	R
			GSFC	3,172	Baseline	2,857	
			NSIDC	56	Baseline	181	R
		Distribution	GSFC				
		Testing/QA		362	IT Requirements	243	
		SIPS Production				628	
METEOR 3M (12/01)	SAGE III	Archive	LaRC	0.8	1X Baseline	1.3	D
ACRIMSAT (12/99)	ACRIM 3	Archive	LaRC	0.06	1X Baseline	0	D
Terra (12/99)	ASTER	L1A Ingest	EDC	680	1X Baseline	869	E
		L1B Ingest	EDC	271	1X Baseline	142	E
		L2-L3 Prod	EDC	1,203	3X Baseline	241	E
		Archive	EDC	2,154	Baseline	1,300	E
		Distribution	EDC				
		End Users		1,352	1X Baseline	3,789	G, O, P
	CERES	Archive	LaRC	351	Baseline	361	S
		Distribution	LaRC				
		Testing/QA		1,421	IT Requirements	0.06	S
		End Users		117	1X Baseline	250	G, S
	MISR	L0 Ingest	LaRC	249	1X Baseline	252	
		L1 Prod	LaRC	3,323	3X Baseline	4,030	F
		L2-L3 Prod	LaRC	281	3X Baseline	148	F
		Archive	LaRC	3,853	Baseline	4,443	F
		Distribution	LaRC				
		End Users		1,201	1X Baseline	3,035	G
	MODIS	L0 Ingest	GSFC	469	1X Baseline	523	
		L1 Prod	GSFC	7,494	3X Baseline	3,495	M
		L2-L4 Prod	MODAPS	14,254	3X Baseline	8,456	H, Q
		Archive	EDC	8,606	Baseline (L2-L4)	1,621	H, I, Q
			GSFC	12,772	Baseline (L0-L4)	10,989	I, Q
			JPL	0	Baseline (L2-3)	90	
			NSIDC	839	Baseline (L2-L3)	183	H, I, Q
		Distribution	EDC				
		End Users		2,869	1X Baseline	585	G, O
		Distribution	GSFC				
		Testing/QA		362	IT Requirements	449	
		SIPS Production				2,672	
		End users		4,101	1X Baseline	1,491	G, O
		Distribution	JPL				

		End Users		0	Baseline	8	
		Distribution	NSIDC				
		End Users		280	1X Baseline	72	G
	MOPITT	L0 Ingest	LaRC	1.9	1X Baseline	1.9	
		L1 Prod	SIPS	1.7	3X Baseline	2.6	J
		L2 Prod	SIPS	1.7	3X Baseline	5.4	J
		Archive	LaRC	5.3	Baseline	10.5	J
		Distribution	LaRC				
		End Users		1	1X Baseline	24	G
Landsat-7	ETM+	Archive	EDC	1,071	250 Scenes	1,040	T
(4/99)		Distribution	EDC	58	ECS ICD	260	G
Jason-1	Poseidon 2	Archive (L0+)	JPL			1	
(12/01)		Distribution	JPL	NA	NA	2	
QuikScat	SeaWinds	Archive (L0+)	JPL			22	
(6/99)		Distribution	JPL	109	Weekly Average	621	K
TOPEX	Poseidon	Archive (L1+)	JPL			0	
(8/92)		Distribution	JPL	24	Weekly Average	78	
Other	AVHRR	Archive (L2+)	JPL			100	
Missions		Distribution	JPL	NA	NA	42	L

Notes:

A. Includes data volumes for 3 instruments (AIRS, AMSU, and HSB). The lower L1 production is a result of problems with L0 data delivery.
B. The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirement is in process.
C. The AMSR-E SIPS began receiving continuous data flow from NASDA on 9/3 and received continuous data through September. In mid-November, NASDA is scheduled to resume data transmission and continue to for the life of the instrument. Public release of the data products is set for May 2003.
D. Data from these instruments are not transmitted to DAAC daily.
E. Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at EDC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements.
F. L1 volume includes reprocessed L1 data volumes for March 2001 and June 2002, in addition to the first time processing of current data. Little reprocessing of L2 products was done during this reporting period.
G. Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
H. The lower L2-L4 production is a result of completion of the first phase of reprocessing of Ocean products. Reprocessing of atmospheric and land products are scheduled for 10/27 and late November, respectively..
I. Ingest/archival of MODIS L2+ products is dependent on MODAPS reprocessing schedule.
J. During this report period, MOPITT Team reprocessed 20 days worth of L1B data for August 2002. It also reprocessed L2 data for December 2000 and August 2002.
K. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year.
L. Includes distribution of educational materials in addition to AVHRR SST.
M. Little reprocessing of L1 products was done.
N. Does not include distribution by subsetting tool.
O. Does not include distribution by data pool.
P. Orders have decreased sharply with the advent of charging for low-level ASTER data, but distribution remains up as the free data backlog is being worked off.
Q. Values reported here represent what have been archived at DAACs. MODAPS production may be higher.
R. Ingest/archival of MODIS L2+ products is dependent on MODAPS processing schedule.
S. Represents a total for 3 missions (TRMM, Terra, and Aqua).
T. Landsat 7 program changed global coverage and fewer number of scenes were captured by the satellite.
U. Increase in MODAPS production is a result of processing several weeks worth of partial and missing data
V. AIRS was out of science state during the first two days (10/20 – 10/21) of this reporting period due to AIRS yellow violation of focal plane detector temperature of 95^{o}K.
W. GDAAC had database problems, resulting in the low L1 production.

* Baseline requirements refer to the September 2000 EOSDIS technical baseline (i.e., 3 X Baseline means three times the baseline). The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs).